**SQL, modifications**

**Modif sur la BDD corrigé**

**Update et sécuriser tous les mots de passe utilisateurs**

**update utilisateur set uMDP = SHA2(uMDP,256);**

**Clés étrangères pour lier le type de parametres et les parametres**

[**alter**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html)[**table**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html) **utilisateur add foreign key (UTITRE) references parametre(PCODE);**

**commit;**

[**alter**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html)[**table**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html) **parametre add foreign key (TPID) references typeparametre (TPID);**

**commit;**

**Motif chez un utilisateur qui revient le plus souvent:**

[**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) **vMotif,** [**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(vMotif) as** [**count**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count) **FROM visite WHERE uID = 'a131' GROUP BY vMotif HAVING** [**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(vMotif) = (**[**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**MAX**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)**(**[**count**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**) FROM (**[**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(vMotif) as** [**count**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count) **FROM visite WHERE uID = 'a131' GROUP BY vMotif) as sousRequete);**

**Ajout d’une colonne “vDate” dans visite, et renommage de vDate et vDateMaj en CRDate et CRDateMaj, pour différencier la date de la visite et du compterendu:**

**ALTER TABLE visite**

**RENAME COLUMN vDate TO CRDate;**

**ALTER TABLE visite**

**RENAME COLUMN vDateMaj TO CRDateMaj;**

[**ALTER**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html)[**TABLE**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/alter-table.html) **visite ADD vDate DATETIME;**

**Update la colonne vDate, en générant aléatoirement une date et heure-minute en dessous de celle de la colonne CRDate (avec max 1 mois de différence) (pour que toutes les visites ait une date de visite)**

[**UPDATE**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/update.html) **visite** [**SET**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/set.html) **vDate = TIMESTAMPADD(MINUTE, FLOOR(RAND() \* 1440), DATE\_SUB(CRDate,** [**INTERVAL**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_interval) **FLOOR(RAND() \* (DATEDIFF(CURDATE(), CRDate) + 1)) DAY));**

**Suppresion de la clé étrangère pour le médicament2 pour les visites (pour plus que ça bug si il n’y a pas de 2ème médicament).**

**ALTER TABLE visite DROP FOREIGN KEY visite\_ibfk\_2;**

**ALTER TABLE visite DROP FOREIGN KEY visite\_ibfk\_1;**

**Ajout de types de parametres et de parametres (pour la première BDD avant celle du prof)**

**INSERT INTO `typeparametre` (`TPID`, `TPLIBELLE`, `TPBOOLEEN`, `TPCHOIXMULTIPLE`, `TPCUMUL`)**

**VALUES**

**(1, 'Titre', 0 , 1, 0),**

**(2, 'Motif', 0 , 1, 0);**

**INSERT INTO `parametre` (`TPID`, `PCODE`,`PLIBELLE`, `VALEUR`, `PPLANCHER`, `PPLAFOND`)**

**VALUES**

**(1,1, 'Délégué Regional', 0 , 0, 0),**

**(1,2, 'Visiteur', 0 , 0, 0),**

**(2,1, 'Periodicité annuelle', 0 , 0, 0),**

**(2,2, 'Actualisation', 0 , 0, 0),**

**(2,3, 'Solicitation', 0 , 0, 0),**

**(2,4, 'Remontage', 0 , 0, 0);**

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